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\*Borides, \*Sodium compounds, Analysis, Thermal  
radiation.

(Chemistry--Physical, TT, v. 6, no. 2)

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THE PHYSIOCHEMICAL PROPERTIES OF  
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TURES. [1961] [8]p. 23 refs.  
Order from OTS or SLA \$1.10

61-27884

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.  
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[v. 2] no. 5, p. 651-656.

DESCRIPTORS: Solubility, Water, \*Heat of solution,  
Entropy, Thermodynamics, Thermochemistry,  
Calcium compounds, \*Selenates.

The polytherm of the solubility of  $\text{CaSeO}_4 \cdot 2\text{H}_2\text{O}$  in  
water was investigated from the cryohydrate point to  
the boiling point of the saturated solution. The experi-  
mental data obtained were used for calculating the dif-  
ferential and integral heats of solution of this salt. The  
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-27884

- I. Sellvanova, N. M.
- II. Schneider, V. A.
- III. Title: Solubility...
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Selivanova, N. M., and Pakhorukov, N. I.  
ON THE HEATS OF SOLUTION OF SELENIOUS  
ACID. [1962] [6]p. 8 refs.  
Order from OTS or SLA \$1.10 63-13422

Trans. of Izvestiya Vysshikh Uchebn[ykh] Zavedenii.  
[Khimiya i Khimicheskaya Tekhnologiya] (USSR) 1961  
[v. 4] no. 3, p. 355-358.

DESCRIPTORS: \*Heat of solution, Specific heat,  
\*Selenious acid, Selenium compounds, Dioxides,  
Thermochemistry.

The purpose of the investigation was the determination  
of the integral heats of solution in water of selenious  
acid in solutions of various concentrations, and verifi-  
cation of the values of the heat of solution in water of  
selenium dioxide at a dilution of 1:200. (Author)

(Chemistry--Physical, TT, v. 10, no. 4)

63-13422

I. Selivanova, N. M.  
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v. 2, no. 4, p. 475-479.

DESCRIPTORS: \*Heat of formation, \*Heat of reaction,  
\*Heat of solution, Silver compounds, Nitrates, Cal-  
cium compounds, \*Selenates, Water, Thermochemistry.

The heat of the reaction between calcium selenate and a  
silver nitrate solution was determined and the integral  
heat of solution of calcium selenate dihydrate in water  
(1:1600) was measured under standard conditions. The  
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-27877

- I. Selivanova, N. M.
- II. Shneider, V. A.
- III. Title: Heat ...
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Thermal decomposition of copper selenate, by N. M.  
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Polarographic Determination of Strontium,  
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1957, pp 466-468.

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JPRS 10272

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Amer Inst of Biol Sci

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ROLE OF ENERGY METABOLISM IN RESTORATION OF  
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*M. S. Saliverstova*

Effect of X Irradiation Upon Synthesis of  
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AEC-Tr-5425

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